



IFWO

RAW SEQUENCE LISTING

DATE: 07/29/2004

PATENT APPLICATION: US/10/781,581

TIME: 09:59:09

Input Set : A:\Sequence_EiRx_2015.txt

Output Set: N:\CRF4\07292004\J781581.raw

3 <110> APPLICANT: EiRx Therapeutics Ltd.
 4 Seery, Liam
 5 Hayes, Ian
 6 Murphy, Finbarr
 8 <120> TITLE OF INVENTION: Apoptosis-Related Kinase/GPCRs
 10 <130> FILE REFERENCE: 8912/2015
 12 <140> CURRENT APPLICATION NUMBER: US 10/781,581
 13 <141> CURRENT FILING DATE: 2004-02-18
 15 <150> PRIOR APPLICATION NUMBER: US 10/764,238
 16 <151> PRIOR FILING DATE: 2004-01-23
 18 <150> PRIOR APPLICATION NUMBER: US 60/457,533
 19 <151> PRIOR FILING DATE: 2003-03-25
 21 <150> PRIOR APPLICATION NUMBER: UK 0301566.6
 22 <151> PRIOR FILING DATE: 2003-01-23
 24 <160> NUMBER OF SEQ ID NOS: 226
 26 <170> SOFTWARE: PatentIn version 3.2
 28 <210> SEQ ID NO: 1
 29 <211> LENGTH: 16
 30 <212> TYPE: PRT
 31 <213> ORGANISM: Artificial sequence
 33 <220> FEATURE:
 34 <223> OTHER INFORMATION: Penetratin
 36 <400> SEQUENCE: 1
 38 Arg Gln Ile Lys Ile Trp Phe Gln Asn Arg Arg Met Lys Trp Lys Lys
 39 1 5 10 15
 42 <210> SEQ ID NO: 2
 43 <211> LENGTH: 21
 44 <212> TYPE: DNA
 45 <213> ORGANISM: Artificial sequence
 47 <220> FEATURE:
 48 <223> OTHER INFORMATION: missense control sirNA oligomer (MS, sense)
 50 <400> SEQUENCE: 2
 51 ugagaaugug augecgguat t 21
 54 <210> SEQ ID NO: 3
 55 <211> LENGTH: 21
 56 <212> TYPE: DNA
 57 <213> ORGANISM: Artificial sequence
 59 <220> FEATURE:
 60 <223> OTHER INFORMATION: missense control sirNA oligomer (MS, antisense)
 62 <400> SEQUENCE: 3
 63 gacgcgcauc acauucucat t 21
 66 <210> SEQ ID NO: 4
 67 <211> LENGTH: 21

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ENTERED

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68 <212> TYPE: DNA
69 <213> ORGANISM: Artificial sequence
71 <220> FEATURE:
72 <223> OTHER INFORMATION: siRNA oligomer (Survivin (Survivin B, SurB, SURB, SUR),
sense)
74 <400> SEQUENCE: 4
75 gaacuggccc uucuuggagt t 21
78 <210> SEQ ID NO: 5
79 <211> LENGTH: 21
80 <212> TYPE: DNA
81 <213> ORGANISM: Artificial sequence
83 <220> FEATURE:
84 <223> OTHER INFORMATION: siRNA oligomer (Survivin (Survivin B, SurB, SURB, SUR),
85 antisense)
87 <400> SEQUENCE: 5
88 cuccaagaag ggccaguuct t 21
91 <210> SEQ ID NO: 6
92 <211> LENGTH: 21
93 <212> TYPE: DNA
94 <213> ORGANISM: Artificial sequence
96 <220> FEATURE:
97 <223> OTHER INFORMATION: siRNA oligomer (PI3KR1, sense)
99 <400> SEQUENCE: 6
100 augaucgaug ugcacguut t 21
103 <210> SEQ ID NO: 7
104 <211> LENGTH: 21
105 <212> TYPE: DNA
106 <213> ORGANISM: Artificial sequence
108 <220> FEATURE:
109 <223> OTHER INFORMATION: siRNA oligomer (PI3KR1, antisense)
111 <400> SEQUENCE: 7
112 aaacgugcac aucgaucut t 21
115 <210> SEQ ID NO: 8
116 <211> LENGTH: 21
117 <212> TYPE: DNA
118 <213> ORGANISM: Artificial sequence
120 <220> FEATURE:
121 <223> OTHER INFORMATION: siRNA oligomer (BCL2, sense)
123 <400> SEQUENCE: 8
124 guacauccau uauaagcugt t 21
127 <210> SEQ ID NO: 9
128 <211> LENGTH: 21
129 <212> TYPE: DNA
130 <213> ORGANISM: Artificial sequence
132 <220> FEATURE:
133 <223> OTHER INFORMATION: siRNA oligomer (BCL2, antisense)
135 <400> SEQUENCE: 9
136 cagcuuauaa uggauguact t 21
139 <210> SEQ ID NO: 10
140 <211> LENGTH: 21

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141 <212> TYPE: DNA
142 <213> ORGANISM: Artificial sequence
144 <220> FEATURE:
145 <223> OTHER INFORMATION: sirna oligomer (c-Raf (CRAF), sense)
147 <400> SEQUENCE: 10
148 uaguucagca guuuggcuat t 21
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152 <211> LENGTH: 21
153 <212> TYPE: DNA
154 <213> ORGANISM: Artificial sequence
156 <220> FEATURE:
157 <223> OTHER INFORMATION: sirna oligomer (c-Raf (CRAF), antisense)
159 <400> SEQUENCE: 11
160 uagccaaacu gcugaacuat t 21
163 <210> SEQ ID NO: 12
164 <211> LENGTH: 20
165 <212> TYPE: DNA
166 <213> ORGANISM: Artificial sequence
168 <220> FEATURE:
169 <223> OTHER INFORMATION: QPCR Forward Primer OAS1 (NM_002534)
171 <400> SEQUENCE: 12
172 gcgccccacc aagctcaaga 20
175 <210> SEQ ID NO: 13
176 <211> LENGTH: 23
177 <212> TYPE: DNA
178 <213> ORGANISM: Artificial sequence
180 <220> FEATURE:
181 <223> OTHER INFORMATION: QPCR Reverse Primer OAS1 (NM_002534)
183 <400> SEQUENCE: 13
184 gtccgaaatc cctgggctgt gtt 23
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188 <211> LENGTH: 23
189 <212> TYPE: DNA
190 <213> ORGANISM: Artificial sequence
192 <220> FEATURE:
193 <223> OTHER INFORMATION: QPCR Forward Primer GBP1 (NM_002503)
195 <400> SEQUENCE: 14
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199 <210> SEQ ID NO: 15
200 <211> LENGTH: 19
201 <212> TYPE: DNA
202 <213> ORGANISM: Artificial sequence
204 <220> FEATURE:
205 <223> OTHER INFORMATION: QPCR Reverse Primer GBP1 (NM_002503)
207 <400> SEQUENCE: 15
208 acggccaggg cgaagatcc 19
211 <210> SEQ ID NO: 16
212 <211> LENGTH: 21
213 <212> TYPE: DNA

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214 <213> ORGANISM: Artificial sequence
216 <220> FEATURE:
217 <223> OTHER INFORMATION: QPCR forward primer (MAK)
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220 gggagctggt ggccatcaaa a                                21
223 <210> SEQ ID NO: 17
224 <211> LENGTH: 22
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226 <213> ORGANISM: Artificial sequence
228 <220> FEATURE:
229 <223> OTHER INFORMATION: QPCR reverse primer (MAK)
231 <400> SEQUENCE: 17
232 tggataaaag ccagcccttg ca                                22
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236 <211> LENGTH: 20
237 <212> TYPE: DNA
238 <213> ORGANISM: Artificial sequence
240 <220> FEATURE:
241 <223> OTHER INFORMATION: QPCR forward primer (GPR86)
243 <400> SEQUENCE: 18
244 tgagcgggtgc cccagagaca                                20
247 <210> SEQ ID NO: 19
248 <211> LENGTH: 23
249 <212> TYPE: DNA
250 <213> ORGANISM: Artificial sequence
252 <220> FEATURE:
253 <223> OTHER INFORMATION: QPCR reverse primer (GPR86)
255 <400> SEQUENCE: 19
256 cagggtgccca ggtgtgagtc aga                                23
259 <210> SEQ ID NO: 20
260 <211> LENGTH: 19
261 <212> TYPE: DNA
262 <213> ORGANISM: Artificial sequence
264 <220> FEATURE:
265 <223> OTHER INFORMATION: QPCR forward primer (PCTAIRE)
267 <400> SEQUENCE: 20
268 gccgctcagc cgcattgtcc                                19
271 <210> SEQ ID NO: 21
272 <211> LENGTH: 20
273 <212> TYPE: DNA
274 <213> ORGANISM: Artificial sequence
276 <220> FEATURE:
277 <223> OTHER INFORMATION: QPCR reverse primer (PCTAIRE)
279 <400> SEQUENCE: 21
280 gccgctccct cctcgtgctc                                20
283 <210> SEQ ID NO: 22
284 <211> LENGTH: 22
285 <212> TYPE: DNA
286 <213> ORGANISM: Artificial sequence

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Input Set : A:\Sequence_EiRx_2015.txt

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288 <220> FEATURE:
289 <223> OTHER INFORMATION: QPCR forward primer (GRAF)
291 <400> SEQUENCE: 22
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295 <210> SEQ ID NO: 23
296 <211> LENGTH: 20
297 <212> TYPE: DNA
298 <213> ORGANISM: Artificial sequence
300 <220> FEATURE:
301 <223> OTHER INFORMATION: QPCR reverse primer (GRAF)
303 <400> SEQUENCE: 23
304 cttccttggc agccccgatc
307 <210> SEQ ID NO: 24
308 <211> LENGTH: 21
309 <212> TYPE: DNA
310 <213> ORGANISM: Artificial sequence
312 <220> FEATURE:
313 <223> OTHER INFORMATION: QPCR forward primer (MPSK1)
315 <400> SEQUENCE: 24
316 cgcgctgtgt gtctgtctc g
319 <210> SEQ ID NO: 25
320 <211> LENGTH: 22
321 <212> TYPE: DNA
322 <213> ORGANISM: Artificial sequence
324 <220> FEATURE:
325 <223> OTHER INFORMATION: QPCR reverse primer (MPSK1)
327 <400> SEQUENCE: 25
328 gcgaaggatg ttggggtgat tg
331 <210> SEQ ID NO: 26
332 <211> LENGTH: 20
333 <212> TYPE: DNA
334 <213> ORGANISM: Artificial sequence
336 <220> FEATURE:
337 <223> OTHER INFORMATION: QPCR forward primer (RBS5PK)
339 <400> SEQUENCE: 26
340 gccgccaaaa aagtgcctgc
343 <210> SEQ ID NO: 27
344 <211> LENGTH: 23
345 <212> TYPE: DNA
346 <213> ORGANISM: Artificial sequence
348 <220> FEATURE:
349 <223> OTHER INFORMATION: QPCR reverse primer (RBS5PK)
351 <400> SEQUENCE: 27
352 tcttcatca ttgcactcct gcc
355 <210> SEQ ID NO: 28
356 <211> LENGTH: 22
357 <212> TYPE: DNA
358 <213> ORGANISM: Artificial sequence
360 <220> FEATURE:

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RAW SEQUENCE LISTING ERROR SUMMARY DATE: 07/29/2004
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Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:190; N Pos. 1233,1235

Seq#:211; N Pos. 173

VERIFICATION SUMMARY

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Input Set : A:\Sequence_EiRx_2015.txt

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L:5002 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:190 after pos.:1200

L:7509 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:211 after pos.:120